

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015608.D
 Acq On : 16 Sep 2023 07:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 16 07:45:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	114	0.02
2 T	Dichlorodifluoromethane	0.435	0.315	27.6#	78	0.01
3 P	Chloromethane	0.577	0.524	9.2	97	0.01
4 C	Vinyl Chloride	0.672	0.601	10.6#	96	0.01
5 T	Bromomethane	0.478	0.408	14.6	93	0.02
6 T	Chloroethane	0.442	0.424	4.1	105	0.01
7 T	Trichlorofluoromethane	0.950	0.861	9.4	99	0.01
8 T	Diethyl Ether	0.325	0.375	-15.4	122	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.495	6.1	102	0.01
10 T	Methyl Iodide	0.619	0.697	-12.6	114	0.02
11 T	Tert butyl alcohol	0.124	0.127	-2.4	121	0.05
12 CM	1,1-Dichloroethene	0.497	0.501	-0.8#	110	0.02
13 T	Acrolein	0.126	0.128	-1.6	83	0.02
14 T	Allyl chloride	0.791	0.874	-10.5	117	0.02
15 T	Acrylonitrile	0.204	0.266	-30.4#	132	0.02
16 T	Acetone	0.224	0.226	-0.9	92	0.03
17 T	Carbon Disulfide	1.486	1.446	2.7	105	0.02
18 T	Methyl Acetate	0.810	1.164	-43.7#	146	0.02
19 T	Methyl tert-butyl Ether	1.615	1.941	-20.2	125	0.03
20 T	Methylene Chloride	0.892	0.810	9.2	126	0.02
21 T	trans-1,2-Dichloroethene	0.572	0.613	-7.2	116	0.02
22 T	Diisopropyl ether	1.731	1.993	-15.1	123	0.02
23 T	Vinyl Acetate	1.093	1.205	-10.2	114	0.02
24 P	1,1-Dichloroethane	1.001	1.106	-10.5	122	0.03
25 T	2-Butanone	0.317	0.387	-22.1	117	0.02
26 T	2,2-Dichloropropane	0.850	0.771	9.3	99	0.02
27 T	cis-1,2-Dichloroethene	0.649	0.723	-11.4	119	0.02
28 T	Bromochloromethane	0.307	0.317	-3.3	116	0.02
29 T	Tetrahydrofuran	0.199	0.266	-33.7#	134	0.02
30 C	Chloroform	1.052	1.189	-13.0#	123	0.02
31 T	Cyclohexane	0.952	0.893	6.2	107	0.01
32 T	1,1,1-Trichloroethane	0.939	1.007	-7.2	116	0.02
33 S	1,2-Dichloroethane-d4	0.536	0.550	-2.6	116	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	122	0.02
35 S	Dibromofluoromethane	0.288	0.291	-1.0	120	0.01
36 T	1,1-Dichloropropene	0.506	0.488	3.6	114	0.02
37 T	Ethyl Acetate	0.390	0.468	-20.0	131	0.03
38 T	Carbon Tetrachloride	0.522	0.509	2.5	113	0.02
39 T	Methylcyclohexane	0.637	0.585	8.2	107	0.01
40 TM	Benzene	1.411	1.472	-4.3	121	0.02
41 T	Methacrylonitrile	0.183	0.235	-28.4#	139	0.00
42 TM	1,2-Dichloroethane	0.470	0.497	-5.7	120	0.01
43 T	Isopropyl Acetate	0.674	0.798	-18.4	129	0.02
44 TM	Trichloroethene	0.399	0.419	-5.0	123	0.02
45 C	1,2-Dichloropropane	0.356	0.380	-6.7#	123	0.01
46 T	Dibromomethane	0.236	0.261	-10.6	126	0.02
47 T	Bromodichloromethane	0.505	0.551	-9.1	124	0.02
48 T	Methyl methacrylate	0.309	0.369	-19.4	128	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.006	-50.0#	139	0.04
50 S	Toluene-d8	1.043	0.947	9.2	111	0.01
51 T	4-Methyl-2-Pentanone	0.392	0.496	-26.5#	135	0.01
52 CM	Toluene	0.904	0.951	-5.2#	120	0.01
53 T	t-1,3-Dichloropropene	0.537	0.578	-7.6	120	0.01
54 T	cis-1,3-Dichloropropene	0.584	0.611	-4.6	118	0.02
55 T	1,1,2-Trichloroethane	0.318	0.358	-12.6	127	0.01
56 T	Ethyl methacrylate	0.472	0.571	-21.0	132	0.01
57 T	1,3-Dichloropropane	0.548	0.607	-10.8	126	0.01
58 T	2-Chloroethyl Vinyl ether	0.168	0.161	4.2	112	0.01
59 T	2-Hexanone	0.294	0.375	-27.6#	133	0.01
60 T	Dibromochloromethane	0.373	0.423	-13.4	127	0.01
61 T	1,2-Dibromoethane	0.323	0.370	-14.6	128	0.01
62 S	4-Bromofluorobenzene	0.387	0.385	0.5	120	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	120	0.01
64 T	Tetrachloroethene	0.454	0.524	-15.4	133	0.01
65 PM	Chlorobenzene	1.077	1.143	-6.1	124	0.01
66 T	1,1,1,2-Tetrachloroethane	0.394	0.433	-9.9	127	0.01
67 C	Ethyl Benzene	1.935	2.007	-3.7#	121	0.01
68 T	m/p-Xylenes	0.750	0.784	-4.5	122	0.00
69 T	o-Xylene	0.717	0.767	-7.0	124	0.01
70 T	Styrene	1.205	1.313	-9.0	123	0.00
71 P	Bromoform	0.275	0.329	-19.6	128	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.01
73 T	Isopropylbenzene	3.756	3.831	-2.0	119	0.01
74 T	N-amyl acetate	1.262	1.478	-17.1	125	0.00
75 P	1,1,2,2-Tetrachloroethane	0.897	1.020	-13.7	128	0.00
76 T	1,2,3-Trichloropropane	0.663	0.867	-30.8#	144	0.01
77 T	Bromobenzene	0.890	0.946	-6.3	124	0.01
78 T	n-propylbenzene	4.544	4.563	-0.4	115	0.01
79 T	2-Chlorotoluene	2.549	2.698	-5.8	122	0.01
80 T	1,3,5-Trimethylbenzene	3.141	3.438	-9.5	126	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.328	-9.0	120	0.00
82 T	4-Chlorotoluene	2.649	2.738	-3.4	119	0.01
83 T	tert-Butylbenzene	2.751	2.828	-2.8	118	0.00
84 T	1,2,4-Trimethylbenzene	3.119	3.736	-19.8	137	0.01
85 T	sec-Butylbenzene	4.104	4.110	-0.1	115	0.00
86 T	p-Isopropyltoluene	3.440	3.454	-0.4	114	0.01
87 T	1,3-Dichlorobenzene	1.756	1.808	-3.0	119	0.01
88 T	1,4-Dichlorobenzene	1.775	1.829	-3.0	120	0.00
89 T	n-Butylbenzene	3.237	3.224	0.4	114	0.00
90 T	Hexachloroethane	0.615	0.684	-11.2	128	0.01
91 T	1,2-Dichlorobenzene	1.603	1.718	-7.2	122	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.177	0.225	-27.1#	137	0.00
93 T	1,2,4-Trichlorobenzene	1.006	1.057	-5.1	118	0.01
94 T	Hexachlorobutadiene	0.549	0.526	4.2	114	0.00
95 T	Naphthalene	2.493	3.206	-28.6#	138	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	1.008	-9.8	125	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6